INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/31927

A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) : B66B 7/04, 1/34			
US CL: 187/292, 410, 346			
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 187/292, 410, 346, 409			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where ap	ppropriate, of the relevant passages	Relevant to claim No.
X	US 5,810,120 A (Jamieson et al.) 22 September 1998, whole document.		1-3, 9-12, 14, 15 and 17
X	US 5,864,102 A (Jamieson et al.) 26 January 1999, whole document.		1-3, 10, 11, 14 and 15
X	US 5,929,399 A (Jamieson et al.) 27 July 1999, whole document.		1-3, 10, 11, 14 and 15
A	US 6,338,396 B1 (Morishita) 15 January 2002, whole document.		1, 10 and 14
x	US 5,824,976 (Jamieson et al.) 20 October 1998, whole document.		1-3, 10, 11, 14 and 15
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Further documents are listed in the continuation of Box C. See patent family annex.			
 Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the 			
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P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Telephone No. 703-308-1113	
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